

PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Express Mail Label No.: EV 377 492 928 US  
Attorney Docket No.: Tsuruwaka C-45

April 8, 2004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

15535 U.S.PTO  
10/821163

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s) : Hideto YOSHIDA, Kunihiro FUKUI, Kazuaki  
TAKAHASHI and Junichi NAKAMURA

Title : CYCLONE SEPARATOR

Please direct correspondence to the address associated with  
the following customer number:

23474

FLYNN, THIEL, BOUTELL & TANIS, P.C.  
(FIRM)

Enclosed are:

- ☒ Specification
- ☒ Declaration or Oath
- ☒ 26 Drawing Sheets      ☒ Formal  
   ☐ Informal
- ☒ Preliminary Amendment Cancelling Claims (Please enter  
before calculating the filing fee.)
- ☐ Amendment Before First Office Action
- ☒ Information Disclosure Statement
- ☒ Small entity status is claimed. See 37 CFR 1.27.  
☒ 1 Statement(s) re small entity is/are enclosed.
- ☐ Assignment, with Recordation Form Cover Sheet
- ☒ Acknowledgment Postal Card
- ☒ Priority is claimed under 35 USC 119 based on Japan  
Application Nos. 2003-352810, 2004-40911 and 2004-41132,  
filed October 10, 2003, February 18, 2004 and February  
18, 2004, respectively.  
☒ A certified copy of the priority application is  
enclosed.

The filing fee is calculated as shown below, after entering any enclosed Amendment which requests entry before such calculation:

For	No. Filed	No. Extra	( ) LG Entity	RATE	(X) SM Entity	Fee
Basic Fee				\$770.00	\$385.00	\$385.00
Total Claims	(16 - 20 = 0)		x \$	18.00	x \$	9.00
Indep. Claims	( 2 - 3 = 0)		x \$	86.00	x \$	43.00
[ ] Multiple Dep. Claim			+	\$290.00	+	\$145.00
* * * TOTAL FILING FEE * * *						\$ 385.00

[X] A Check for \$385.00 is enclosed to cover fees.

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[X] Any additional filing fees required under 37 CFR 1.16

[ ] Any application processing fees under 37 CFR 1.17

[ ] Pursuant to 37 CFR 1.52, the enclosed application is in the form of a foreign language text:

[ ] An English translation and a statement that the English translation is accurate are enclosed.

[ ] Please notify the undersigned of the due date for submitting an English translation and a statement that the English translation is accurate.

[ ] An enclosed check includes the \$130.00 fee (37 CFR 1.17k) for processing a foreign language text.

Please direct all telephone calls to the undersigned at telephone number (269) 381-1156.

Respectfully submitted,

FLYNN, THIEL, BOUTELL & TANIS, P.C.

IN DUPLICATE

Ronald J. Tanis  
Reg. No. 22 724

RJT/R/ad  
Encl: Listed above  
100.10/03

PATENT APPLICATION

"Express Mail" Mailing Label No.: EV 377 492 928 US

Date of Mailing: April 8, 2004

Applicant(s): Hideto YOSHIDA, et al.

Title: CYCLONE SEPARATOR

Serial No.: Unknown

Confirmation No.: Unknown

Filed: Unknown

Atty Docket No.: Tsuruwaka C-45

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAILING CERTIFICATE

Sir: .

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FLYNN, THIEL, BOUTELL & TANIS, P.C.

By: 

Date: April 8, 2004

Document(s) attached: Patent Application Transmittal dated  
April 8, 2004 including enclosures  
listed thereon

Telephone: (269) 381-1156  
191.05/03